

 **LeaderBoard & Yesterday's Solution**([/faces/candidate/leaderboarddailychallenge.xhtml?RT=DAILYCHALLENGE](https://www.skillrack.com/faces/candidate/leaderboarddailychallenge.xhtml?RT=DAILYCHALLENGE))

Daily Challenge

Happy Coding from necse



SkillRack

Sum - Digits on Left and Right

The program must accept an integer **N** containing only nonzero digits as the input. For each digit **D** in the integer **N**, the program must form an integer by concatenating **D** digits on the left and **D** digits on the right of the **D**. Then the program must print the sum of the resulting integer values. If the number of digits on the left or right is less than **D**, then consider only the existing digits on the left or right.

Boundary Condition(s):

$10 \leq N \leq 10^8$

Input Format:

The first line contains **N**.

Output Format:

The first line contains an integer value representing the sum of resulting integer values.

Example Input/Output 1:

Input:

2314

Output:

510

Explanation:

Here $N = 2314$.

2 -> 31

3 -> 214

1 -> 34

4 -> 231

$31 + 214 + 34 + 231 = 510$.

Example Input/Output 2:

Input:

541326

Output:

201089

Explanation:

5 -> 41326

4 -> 51326

1 -> 43

3 -> 54126

2 -> 136

6 -> 54132

41326 + 51326 + 43 + 54126 + 136 + 54132 = **201089**.

Max Execution Time Limit: 50 millisecs

Ambiance

Java (12.0)



```
1  import java.util.*;
2  public class Hello {
3
4      public static void main(String[] args) {
5          Scanner sc=new Scanner(System.in);
6          char[] arr=sc.next().toCharArray();
7          int sum=0;
8          for(int i=0;i<arr.length;i++){
9              int r=Integer.parseInt(String.valueOf(arr[i]));
10             String res="";
11             if(i-r<=0){
12                 for(int j=0;j<=i-1;j++){
13                     res+=arr[j];
14                 }
15             }
16             else{
17                 for(int j=i-r;j<=i-1;j++){
18                     res+=arr[j];
19                 }
20             }
21             if(i+r<=arr.length-1){
22                 for(int j=i+1;j<=i+r;j++){
23                     res+=arr[j];
24                 }
25             }
26             else{
27                 for(int j=i+1;j<arr.length;j++){
28                     res+=arr[j];
29                 }
30             }
31
32             System.out.println(res);
33             sum+=Integer.parseInt(res);
34         }
35         System.out.println(sum);
36     }
37 }
```

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Code did not pass the execution



Input:

2314

Expected Output:

510

Your Program Output:

**31
214
34
231
510**

Save

Run